

CLAIMS

1. A pharmaceutical formulation for use in repelling and/or killing human head lice comprising a solution of Neem Oil and a surfactant.
2. A formulation as claimed in claim 1, wherein the solution comprises from about 1% w/w to about 1.25% w/w of Neem Oil and from about 0.2% to about 0.3% w/w of surfactant.
3. A formulation as claimed in claim 1 or claim 2, wherein the surfactant is cetrimonium chloride.
4. A formulation as claimed in any one of claims 1, 2 or 3, wherein the cetrimonium chloride is present in the composition at about 0.26% w/w of the compound.
5. A formulation as claimed in any one of claims 1 to 4, wherein the composition further comprises trace triethanolamine in an amount of about approximately 0.1% to 0.06% w/w of the composition.
6. A formulation as claimed in any one of claims 1 to 5, wherein the composition further comprises isopropyl alcohol.
7. A formulation as claimed in any one of claims 1 to 6, wherein the solution further comprises either ethyl alcohol or light liquid paraffin.
8. A formulation as claimed in any one of claims 1 to 7, wherein the solution comprises the following formulation:

Aqua (water) - 91.155%;
Cetearyl alcohol - 4%;
Glyceryl stearate - 2%;
Melia Azadirachta seed oil (Neem Oil) - 1%;
5 Propylene glycol - 0.675%;
Cetrimonium chloride 26% - 0.26%;
Melaleuca Alternifolia (Tea Tree) leaf oil - 0.25%;
Lavandula Angustifolia (Lavender) oil - 0.25%;
Urtica Dioica (Nettle) extract - 0.2%;
10 Methylparaben & Propylparaben & Ethylparaben - 0.15%;
Thymus Vulgaris (Thyme) extract - 0.05%; and
Tethanolamine - 0.01%.

9. A formulation as claimed in any one of claims 1 to 7, wherein the solution
15 comprises the following formulation:

Aqua (water) - 91.105%;
Cetearyl alcohol - 4%;
Glyceryl stearate - 2%;
20 Melia Azadirachta seed oil (Neem Oil) - 1%;
Propylene glycol - 0.675%;
Cetrimonium chloride 26% - 0.26%;
Melaleuca Alternifolia (Tea Tree) leaf oil - 0.25%;
Lavandula Angustifolia (Lavender) oil - 0.25%;
25 Urtica Dioica (Nettle) extract - 0.2%;
Methylparaben & Propylparaben & Ethylparaben - 0.15%;
Thymus Vulgaris (Thyme) extract - 0.05%; and
Trethanolamine - 0.06%.

10. The use of a formulation as per any of the preceding claims for the manufacture of a medicament for the prevention and treatment of head lice infestation in humans.